



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D412-702-015
Job Sheet 200790



Part No: D412-702-015

Job Qty: 1 pcs

Part Name: Shoulder Harness loops over existing lap belts, 4 Man Aft Facing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/17/19

Job Tracking No:

Created By: Marie Lajeunesse

Description: ORDER 19615

Due Date: 11/6/19

Type: SOLD

Note: DWG REV A SHEET 19 IPP RevB Removed Manufacturing IPP Rev:C As per Dsl9351 07-03-14 JLM IPP
Rev:D 07-07-28 As per Rev E JLM Verified By:ec

Ship Via:

DAS
10
9-89

chg 001

DAS
21
9-89

Bill of Materials

See attachment

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs		11/6/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		

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CANADA
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www.dartaero.com



Container No: S225801

Part: D412-702-015

Job No: 200790

Serial No/Batch: S225801

Revision:

Inspector:

Exp Date:

Instructions: TC STC 9H04 - 7 Issue 3-5A-A-57/A SR01997N

Plex 9/17/19 3:18 PM Dart.lajeunesse.marie

120 QC 4	1 pcs	11/6/19	0.00 0.00	Packaging 1 - 31		
				Packaging 1 - 32		
				Packaging 1 - 33		
				Packaging 1 - 34		
				Packaging 1 - 35		
				Packaging 1 - 36		
				QC 4 - 28		
				QC 4 - 58		
				QC 4 - 69		
				QC 4 - 9		
				QC 4 - 46		
				QC 4 - 68		
				QC 4 - 72		
130 Packaging 3-1 - Stock - B4B	1 pcs	11/6/19	0.00 0.00	QC 4 - 74		
				QC 4 - 75		
				Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B		
				Packaging 3 - 26 - B4B		
				Packaging 3 - 27 - B4B		
				Packaging 3 - 28 - B4B		
				Packaging 3 - 29 - B4B		
				Packaging 3 - 30 - B4B		
				Packaging 3 - 31 - B4B		
				Packaging 3 - 32 - B4B		
				Packaging 3 - 33 - B4B		
				Packaging 3 - 34 - B4B		
				Packaging 3 - 35 - B4B		
				Packaging 3 - 36 - B4B		
135 DC - 1 - B4B	1 pcs	11/6/19	0.00 0.00	DC - 1 - B4B		
140 QC 21 - FG	1 pcs	11/6/19	0.00 0.00	DC - 2 - B4B		
				QC 21 - FG - 21		
				QC 21 - FG - 70		
				QC 21 - SA - 53		

DAS
78
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OCT 24 2019

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DAS OCT 24 2019

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OCT 24 2019

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Part Op 110 - (Pick Kit)
 Descriptions: 120 - (QC4- 100% Inspect kits for completeness)
 130 - (Identify as per dwg & Stock Location: _____)

9/17/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

135 - (Document Control)

140 - (QC21- Final Inspection - Work Order Release)

010263

Job BOM			
Part / Item	Component Name	Quantity	Operation
AN4-20A	Bolt	8 Ea (8 ea)	110-Packaging 1 - Pick Kit
AN4-5A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit
D3198-1	Fitting	4 pcs (4 ea)	110-Packaging 1 - Pick Kit
D3215-043	Harness Assembly	4 pcs (4 ea)	110-Packaging 1 - Pick Kit
D3551-11	Hook And Loop Tie	4 pcs (4 ea)	110-Packaging 1 - Pick Kit
MS21042L4	Nut	12 Ea (12 ea)	110-Packaging 1 - Pick Kit
NAS1149D0463J	Washer	20 Ea (20 ea)	110-Packaging 1 - Pick Kit

Container
 5149257
 5155698
 5089895
 521935x2522 5009
 5189695
 5214484
 5192447

Job Allocations			
Operation	Component Part	Required	Inventory
110-Packaging 1 - Pick Kit	AN4-20A	8	126
	AN4-5A	4	153
	D3198-1	4	6
	D3215-043	4	0
	D3551-11	4	0
	MS21042L4	12	24
	NAS1149D0463J	20	1,218
			2,300
			0

Part Specifications

Specifications could not be found.

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																											
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QS1042)																									
Description Work Order Deviation				Disposition																											
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY																											
				<table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>				Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread
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Completed By				Lead hand / Supervisor																											
QC / QA Coordinator																															

6.0 PARTS LISTS

QTY -011	QTY -013	QTY -015	QTY -017	QTY -019	Part Number	Description
X					D412-702-011	Dart 13-Man Shoulder Harness Kit
	X				D412-702-013	Dart 5-Man Forward Facing Shoulder Harness Kit
		X			D412-702-015	Dart 4-Man Aft Facing Shoulder Harness Kit
			X		D412-702-017	Dart 4-Man Side Facing Shoulder Harness Kit
				X	D412-702-019	Dart 1-Man Forward Facing Shoulder Harness Kit
1	1		1	1	D412-702-069	GROMMET KIT
2	2				D3195-041	BRACKET
2	2				D3195-043	BRACKET
1	1			1	D3196-1	BAR
1			1		D3196-3	BAR
1			1		D3196-4	BAR
2	2				D3197-041	BAR
4		4			D3198-1	FITTING
18	10		8	2	D3215-041	HARNESS ASSEMBLY
4					D3215-043	HARNESS ASSEMBLY
2	2				D3268-1	PLACARD
13	5		4	2	D3551-11	HOOK AND LOOP TIE
2	2				D3546-1	CLIP
4		4			AN4-5A	BOLT
4	4				AN4-13A	BOLT
8		8			AN4-20A	BOLT
20		20			AN960JD416	WASHER (OR NAS1149D0463J)
12		12			MS21042L4	NUT (OR MS21042-4)
8	2		6	2	MS24694-S152	SCREW
8	2		6	2	MS24694-S154	SCREW

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D412-702-015

4-MAN SHOULDER HARNESS (205/212/214/412)

[illegible]